| L | 772 4 | | | |
|--------|----------|--|-----------|------------|
| Number | Hits | | DB | Time stamp |
| 1 | 66 | 1 I ording toton neglin melal and | USPAT; | 2004/05/14 |
| 0 | | carbon with (nanotube nano-tube) | JPO | 21:09 |
| 2 | 12 | | USPAT; | 2004/05/14 |
| | | US-5973444-\$ or US-6670747-\$ or | JPO | 21:51 |
| | | US-6472814-\$ or US-6062931-\$ or | | |
| | | US-6339281-\$ or US-5965972-\$ or | | |
| : | | US-6525461-\$ or US-6278231-\$ or | | • |
| | - | US-6538367-\$).did. or | | |
| 5 | 4-66- | (JP-2001266737-\$).did. | • | • |
| 5 | 15695 | man or or all the cransition with | USPAT | 2004/05/14 |
| _ | _ | metal | | 21:53 |
| 6. | 5 | 1 ((| USPAT | 2004/05/14 |
| | | US-5973444-\$ or US-6670747-\$ or | | 21:55 |
| | | US-6472814-\$ or US-6062931-\$ or | | |
| * | | US-6339281-\$ or US-5965972-\$ or | | • |
| | | US-6525461-\$ or US-6278231-\$ or | | |
| İ | | US-6538367-\$).did. or | | • |
| | | (JP-2001266737-\$).did.) and cataly\$5 with | 1 | |
| , | - | transition with metal | | |
| ' | 5 | 1 ((()) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | USPAT | 2004/05/14 |
| 1 | | US-5973444-\$ or US-6670747-\$ or | | 21:55 |
| 1 | | US-6472814-\$ or US-6062931-\$ or | | |
| | | US-6339281-\$ or US-5965972-\$ or | | |
| 1 | | US-6525461-\$ or US-6278231-\$ or | | |
| | | US-6538367-\$).did. or | - | |
| . | • | (JP-2001266737-\$).did.) and cataly\$5 with | | |
| | | transition with metal) and nanotube | | |
| · | 2389 | 313/311,495,497.ccls. | USPAT; | 2004/05/13 |
| | | | EPO; JPO; | 18:53 |
| | | · | DERWENT; | |
| | <u>د</u> | | IBM TDB | |
| | 0 | 313/311,495,497.ccls. and "field emi"\$5 | USPAT; | 2004/05/13 |
| | | | EPO; JPO; | 18:54 |
| | | | DERWENT; | |
| İ | | | IBM TDB | |
| | 852 | 313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission" | EPO; JPO; | 19:28 |
| | | | DERWENT; | |
| ľ | 40 | (240 /044 /05 /05 | IBM_TDB | i, |
| 1 | 49 | (313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and carbon and (fiber fibrous) | EPO; JPO; | 18:54 |
| ĺ | | | DERWENT; | |
| | | 1212 (211 1405 120 120 120 120 120 120 120 120 120 120 | IBM_TDB | • |
| ĺ | 93 | (313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and carbon and (fiber fibrous) | EPO; JPO; | 19:28 |
| | 1.50000 | | DERWENT; | |
| | <u> </u> | //212/211 405 407 | IBM_TDB | |
| | 0 | ((313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | ļ | emission") and carbon and (fiber | EPO; JPO; | 18:55 |
| - X - | | fibrous)) and ("nano hole" nanohole) | DERWENT; | |
| | _ | 212/211 405 405 | IBM_TDB | |
| [| 2 | 313/311,495,497.ccls. and ("nano hole" | USPAT; | 2004/05/13 |
| İ |] | nanohole) | EPO; JPO; | 18:56 |
| | . 1 | | DERWENT; | |
| | | 040/044 445 45 | IBM TDB | 1 |
| | 61 | 313/311,495,497.ccls. and ("nano hole" | USPAT; | 2004/05/13 |
| |] | nanohole pore) | EPO; JPO; | 18:56 |
| | | | DERWENT; | |
| | | | IBM TDB | |
| | 7 | ((313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and carbon and (fiber | EPO; JPO; | 19:01 |
| | | fibrous)) and ("nano hole" nanohole pore) | DERWENT; | |
| | | | IBM TDB | |
| | 2 | 5965972.pn. | USPAT; | 2004/05/13 |
| | | | EPO; JPO; | 19:02 |
| - 1 | | | DERWENT; | |
| | | | IBM TDB | |
| | | | | |

Search History 5/14/04 10:13:52 PM Page 1

| | - | | | |
|-----|-----|--|--------------|-----------------------------------|
| - | 1 | The state of the s | USPAT; | 2004/05/13 |
| | | hole") and "impurity implantation" | EPO; JPO; | 19:07 |
| | | | DERWENT; | |
| | 16 | "field emission" and (| IBM_TDB | |
| , i | 10 | "field emission" and (nanohole "nanohole") | USPAT; | 2004/05/13 |
| | | note. / | EPO; JPO; | 19:11 |
| | | | DERWENT; | 1 |
| | 6 | "field emission" and (nanohole "nano | IBM_TDB | 000110-110 |
| | · | hole") and gate | USPAT; | 2004/05/13 |
| | | note / and gate | EPO; JPO; | 19:14 |
| | | | DERWENT; | - 1 |
| _ | . 0 | "field emission" and (pore) and gate with | IBM_TDB | 1 |
| | ŭ | electrode and "impurity implantation" | | 2004/05/13 |
| | | ereserode and impulity implantation. | EPO; JPO; | 19:15 |
| | | * | DERWENT; | |
| - | 6 | "field emission" and "impurity | IBM_TDB | 0004/00/40 |
| . 1 | · | implantation" | USPAT; | 2004/05/13 . |
| | | - Impraired CLOII | EPO; JPO; | 19:18 |
| 1 | | | DERWENT; | |
| _ | 852 | "field emission" and implant\$5 | IBM_TDB | |
| | 002 | ricid chirosion and implants | USPAT; | 2004/05/13 |
| | | | EPO; JPO; | 19:18 |
| | | | DERWENT; | |
| _ | 29 | "field emission" and implant\$5 with | IBM_TDB | 000445 |
| | 23 | (cathode emitter) with electrode | USPAT; | 2004/05/14 |
| | | (Cathode emitter) with electrode | EPO; JPO; | 15:47 |
| | | | DERWENT; | |
| _ | 2 | 5965972.pn. | IBM_TDB | |
| | 2 | 3903972.pii. | USPAT; | 2004/05/13 |
| İ | | ×. | EPO; JPO; | 19:24 |
| 1 | | | DERWENT; | |
| _ | 21 | /212/211 405 407 1 1 1 1 1 1 1 1 | IBM_TDB | |
| 4 | 21 | | USPAT; | 2004/05/13 |
| | | emission") and (nanohole "nano hole" | EPO; JPO; | 19:28 |
| 1 | | pore) | DERWENT; | |
| | 1 | //212/241 425 425 | IBM_TDB | |
| | 1 | ((313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and (nanohole "nano hole" | EPO; JPO; | 19:29 |
| | | pore)) and impurit\$3 and implant\$5 | DERWENT; | |
| _ | 22 | /212/211 405 408 | IBM_TDB | |
| | 33 | (313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and (nanohole "nano hole" | EPO; JPO; | 19:42 |
| | | pore) | DERWENT; | |
| | 1.0 | //2/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0/0 | IBM_TDB | |
| 1 | 10 | ((313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and (nanohole "nano hole" | EPO; JPO; | 19:32 |
| | | pore)) and carbon and gate with electrode | DERWENT; | |
| _ | 7 ^ | (212 /211 405 405 1 | IBM_TDB | |
| | 73 | (313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| 1 | = | emission") and (hole pore aperture | EPO; JPO; | 19:43 |
| | | opening) with (nm or nanometer) | DERWENT; | |
| | | / /040 /044 - +================================== | IBM_TDB | |
| -34 | 28 | ((313/311,495,497.ccls. and "field | USPAT; | 2004/05/13 |
| | | emission") and (hole pore aperture | EPO; JPO; | 19:43 |
| | | opening) with (nm or nanometer)) and | DERWENT; | , |
| | | carbon and gate with electrode | IBM TDB | |
| | 4 | (US-6278231-\$ or US-6538367-\$ or | USPAT | 2004/05/13 |
| | | US-6472814-\$ or US-6670747-\$).did. | | 21:35 |
| | 4 | ((US-6278231-\$ or US-6538367-\$ or | USPAT | 2004/05/13 |
| | | US-6472814-\$ or US-6670747-\$).did.) and | | 21:36 |
| | _ | insulat\$4 | | |
| | 3 | ((US-6278231-\$ or US-6538367-\$ or | USPAT | 2004/05/13 |
| ī | ļ | US-6472814-\$ or US-6670747-\$).did.) and | | 21:54 |
| | | insulat\$4 and (pore nano nanohole | | |
| | 1 | ((nanometer nm) with (hole aperture | | |
| | ! | | | |
| • | | pore))) and gate with electrode | | |
| | 0 | pore))) and gate with electrode "2000085257" | USPAT | 2004/05/13 |
| | - | "2000085257" | USPAT | 2004/05/13 21:55 |
| | 0 | pore))) and gate with electrode "2000085257" | USPAT JPO | 2004/05/13 21:55 2004/05/13 |

| | 0 | "200085257" | JPO | 2004/05/13 |
|-----|-----|---|-----------|------------|
| l _ | 0 | 1100505311 | | 21:55 |
| | U | "085257" | JPO | 2004/05/13 |
| 1_ | 0 | HOLOLAH | | 21:55 |
| | U | "85257" | JPO. | 2004/05/13 |
| J _ | _ | ±-200005057 | | 21:55 |
| 6-1 | 0 | jp200085257 | JPO | 2004/05/13 |
| | 1 | | | 21:58 |
| - | 1 | jp2000085257 | JPO | 2004/05/13 |
| l | 7 | /Y/G 6070004 A | | 21:58 |
| - | , | 1 (00 02/0231 0 OI 03-033036/-3 OF | USPAT; | 2004/05/14 |
| | | US-6472814-\$ or US-6670747-\$ or | JPO . | 19:17 |
| | | US-6525461-\$ or US-5965972-\$).did. or | | |
| _ | 2 | (JP-2001266737-\$).did. | | |
| _ | . 3 | ((US-6278231-\$ or US-6538367-\$ or | USPAŢ | 2004/05/14 |
| | | US-6472814-\$ or US-6670747-\$ or | | 15:43 |
| | | US-6525461-\$ or US-5965972-\$).did. or | | |
| | 1.0 | (JP-2001266737-\$).did.) and impurit\$5 | | |
| _ | 16 | "field emission" and implant\$5 with | USPAT; | 2004/05/14 |
| | | (cathode emitter) with electrode and | EPO; JPO; | 15:48 |
| . 1 | | impurit\$4 | DERWENT; | |
| | 7 | /// FOCEORO A | IBM_TDB | |
| | , | (US-5965972-\$ or US-6670747-\$ or | USPAT; | 2004/05/14 |
| | | US-6525461-\$ or US-6472814-\$ or | JPO | 15:55 |
| | | US-6538367-\$ or US-6278231-\$).did. or | | |
| _ | 2 | (JP-2001266737-\$).did. | | |
| | 2 | ((US-5965972-\$ or US-6670747-\$ or | USPAT | 2004/05/14 |
| | | US-6525461-\$ or US-6472814-\$ or | | 15:56 |
| | | US-6538367-\$ or US-6278231-\$).did. or | | |
| | 1 | (JP-2001266737-\$).did.) and impurit\$5 and | | . * |
| _ | 14 | implant\$6 | | |
| | 14 | catalyst and transition near3 metal and | USPAT; | 2004/05/14 |
| | | carbon with (nanotube nano-tube) and gate | JPO | 21:09 |
| | 61 | and cathode and field with emission | | |